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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION VII  
324 EAST ELEVENTH STREET  
KANSAS CITY, MISSOURI - 64108

PUBLIC NOTICE

THE U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA), REGION VII, 726 MINNESOTA AVENUE, KANSAS CITY, KANSAS, ISSUED AN EMERGENCY RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) PERMIT TO MCDONNELL DOUGLAS CORPORATION IN ST. LOUIS, MISSOURI. THIS EMERGENCY PERMIT IS EFFECTIVE FROM AUGUST 26, 1985, UNTIL OCTOBER 10, 1985, UNLESS TERMINATED EARLIER IN ORDER TO PROTECT HUMAN HEALTH OR THE ENVIRONMENT.

The Emergency RCRA Permit was issued to McDonnell Douglas Corporation, St. Louis, Missouri for the removal, transportation, and ~~thermodynamic~~ *thermal* treatment of approximately 859 pounds of reactive waste (explosives) in storage at the facility.

The ~~thermodynamic~~ *thermal* treatment area will be the Bigspring Quarry at Bigspring, Missouri. The area will be secured and monitored by McDonnell Douglas Corporation and its contractor. Missouri Department of Natural Resources (MDNR) personnel will periodically observe the operation. All necessary precautions will be taken to protect human health and the environment.

WSTM:RCRA:PRMT:JGalbraith:lmh:x6531:8-15-85:Disk JG/1

PRMT  
Galbraith

PRMT  
Harrington

RCRA  
Sanderson

WSTM  
Wagoner

  
R00136597  
RCRA RECORDS CENTER

Mr. Robert H. Kaatman  
Environmental Compliance  
McDonnell Douglas Corporation  
P.O. Box 516  
St. Louis, Missouri 63116

Dear Mr. Kaatman:

This is to confirm the issuance of an emergency Resource Conservation and Recovery Act (RCRA) Permit under 40 CFR 270.61 to McDonnell Douglas Corporation to remove, transport, and ~~exothermically~~ <sup>thermally</sup> treat approximately 17,000 units (859 pounds net explosive weight) of reactive waste (explosives) materials. These materials are in storage at Building 16 of the McDonnell Douglas Corporation facility in St. Louis, Missouri. The ~~exothermic~~ <sup>thermal</sup> treatment process will be conducted at the Bigspring Quarry in Bigspring, Missouri. The permit number is MOP000000204. The conditions under which these materials will be removed, transported, and ~~thermodynamically~~ <sup>thermally</sup> treated are as follows:

1. All activities will be in accordance with the proposal submitted to McDonnell Douglas Corporation by GSX Services, Inc., formerly Triangle Resource Industries, dated June 26 and July 29, 1985.
2. No reactive waste (explosives) that is in a deteriorating or shock sensitive condition may be included under this permit without express written permission by this Agency.
3. All improvements at the Bigspring Quarry will be completed before any reactive waste may leave the McDonnell Douglas Corporation facility in St. Louis. These improvements will include, but shall not be limited to: road repair, fencing, barriers, gate, and warning signs.
4. All packaging of the reactive waste material will be in accordance with appropriate Department of Transportation requirements.
5. Transportation of reactive waste material will be in refrigerated transports. The interior of these refrigerated transports must be maintained at an appropriate temperature to prevent a dangerous situation at all times that reactive waste materials are in or on these transports.

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Wagoner



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

6. All local governmental agencies will be notified at least 24 hours prior to the transportation of any reactive waste materials through their jurisdictions. All local regulations regarding routing, times, speeds, and other safety precautions must be observed.
7. No more than 20 pounds of net explosive weight may be treated at any one time at the treatment site.
8. Only properly designated personnel may be present on the site during any treatment operations.
9. Only treatment procedures stated in the proposal cited above may be used.
10. No treatment may commence until the barrier to prevent contamination due to fire has been constructed at the treatment area.
11. All environmental monitoring specified in the above proposal must be implemented. The results of this monitoring must be submitted to this Agency within 60 days after the treatment has been completed.
12. The treatment site must be adequately secured to prevent intrusion by unauthorized personnel until the environmental monitoring (including sampling and analysis of surface soils, etc.) has demonstrated that the area is free of contamination.
13. All personnel involved in the removal, transportation, and <sup>thermal</sup> ~~exothermic~~ treatment of this reactive waste must be adequately trained in the operation and must be thoroughly familiar with all regulations as they pertain to their portion of the operation.
14. Written notification and a summary of activities must be submitted to this Agency within 60 days after the treatment has been completed.
15. All appropriate safety precautions to prevent injury to personnel or releases of hazardous constituents to the environment must be observed.

This permit shall be effective as of August 26, 1985, and shall remain in effect until October 10, 1985.

If you have any questions, please contact Joe Galbraith at (913) 236-2888.

Sincerely yours,

David A. Wagoner  
Director, Waste Management Division

cc: Paul Meiburger, MDNR



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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thermodynamic  
The treatment area will be the Bigspring Quarry at Bigspring, Missouri. The area will be secured and monitored by McDonnell Douglas Corporation and its contractor. Missouri Department of Natural Resources (MDNR) personnel will periodically observe the operation. All necessary precautions will be taken to protect human health and the environment.



Mr Robert H Kaatman  
Environmental Compliance  
McDonnell Douglas Corporation  
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2. No reactive waste (explosives) that is in a deteriorating or shock sensitive condition



include, but shall not be limited to; road repair, fencing, barriers, gate, and warning signs.

4. All packaging of the reactive waste <sup>material</sup> will be in accordance with appropriate Department of Transportation requirements.

5. Transportation of reactive waste material will be in refrigerated transports. The ~~refrigerator units must be operable and must~~ interior of these refrigerated transports must ~~maintain~~ be maintained at an appropriate temperature to prevent a dangerous situation at all times the reactive waste materials are in or on these transports.

6. All local <sup>governmental agencies</sup> jurisdictions will be notified at least 24 hours prior to the transportation of any reactive waste materials through their jurisdictions. All local regulations regarding routing, times, speeds, and other safety ~~the~~ precautions must be observed.

7. No more than 20 pounds of net explosive weight may be treated at any one time at the treatment site.

8. Only properly designated personnel may be present on the site during any treatment operations.



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11. All environmental monitoring specified in the above proposal must be implemented. The results of this monitoring must be submitted to this Agency within 60 days ~~and~~ after the treatment has been completed.

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